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NEW DELHI, SATURDAY, MAY 2, 1970 (VAISAKHA 12, 1892)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह प्रलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE Patents and Designs

Calcutta, the 2nd May 1970
CORRIGENDUM

In the Gazette of India Part-III, Section 2, dated the 8th November 1969, in page 405, column 1, 5th number, under the heading Applications Accepted,

for

No. 117675. N. V. Philips Gloeilampenfabrieken Device for the Accepted on 21st October 1969.

read

No. 116773. Khira Industries Private Limited, Pressure Cookers, Accepted on 21st October 1969.

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

13th April 1970

126156. Fertilizer Corporation of India Limited. A process of reduction of fluorine content in crude wet process phosphoric acid.

126157. H. R. Jain. Improvements in or relating to regulators for electrical appliances.

126158. Tea Board and University of Calcutta. Manufacture of soluble tea powder.

126159. L. S. Tamhankar. Tubular sheathed heating element.

126160. Mrs. Rajani Ramchandra Tamhankar. Purification of crude anthracene.

126161. B. Barthakur. Improved manual power device.

126162. M. V. Shiddhaye and S. M. Shiddhaye. An improved sieving set.

126163. Phillips Petroleum Company. Method and apparatus for producing carbon black.

126154. American Cyanamid Company. Antibiotic Am374 and production thereof.

126165. American Cyanamid Company. Novel antifungals and process for producing same.

126166. American Cyanamid Company. Antifungal bh890 and preparation thereof.

126167. A. N. Parshin. Arrangement to check weft thread in the shed in looms.

126168. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of n-alkyl-1, 4-dihydropyridines.

126169. The Dunlop Company Limited. Manufacture of pneumatic tyres. (19th April 1969).

126170. Bata Shoe Financial Corporation of Canada Limited. Apparatus and method for edge stitching binding workpieces. (14th April 1969).

126171. Uss Engineers and Consultants, Inc. Corrosion-resistant steel.

126172. Ciba Limited. New amines and process for their manufacture.

126173. Imaginering Industries, Inc. Plastic street shoes and method of making same.

126174. Toyo Jozo Kabushiki Kaisha. Novel diacyl penicillins and their production.

126175. Glanzstoff A. G. A process for the production of non-woven textile sheetings. (28th January 1970).

126176. Barmar Barmer Maschinenfabrik Aktiengesellschaft. Production of endless filaments. (29th January 1970).

126177. Verson Allsteel Press Company Method and apparatus for extruding double ended metal extrusions.

126178. Council of Scientific and Industrial Research, Pressure vessel fabrication rig.
126179. Council of Scientific and Industrial Research, An improved method of constructing compaction piles.
126180. K. Sundararajan. Perfect earth leakage cum short circuit protector.
126181. P. Soni. Improved 'snap-on' tie holder.
14th April 1970
126182. B. Barthakur. Machine for shelling of paddy. [Addition to No. 110743].
126183. T. Satake. A husker.
126184. Dynamit Nobel Aktiengesellschaft. Production of tack-free films of plasticised polyvinyl butyral.
126185. Hindustan Lever Limited. Detergent composition containing enzymes.
126186. RCA Corporation. Automatic chroma control circuits.
126187. E. I. du Pont de Nemours and Company. Selective herbicides.
126188. Formica Corporation. Decorative laminates carrying removable protective coating.
126189. Purolator, Inc. Dry-type filter element.
126190. Siemens Aktiengesellschaft. Controllable-speed dynamo-electric machine.
126191. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brünning. Process for the preparation of very pure monosulfonic acids of triphenylmethane dyestuffs.
126192. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brünning. Basic oxazine dyestuffs and process for preparing them.
126193. Deutsche Gold-Und Silber-Scheideanstalt Vormals Roessler. Process for manufacture of hydrogen peroxide under application or utilisation of precious metal carrier catalysators in the hydrogenating stage.
126194. N. P. Kinariwala Private Limited. A composition. [Divisional date 16th December 1968].
126195. Ahmedabad Manufacturing and Calico Printing Co., Ltd. A vehicle for serving as a mobile shop.
126196. Imperial Chemical Industries Limited Prins-type reactions
126197. Amchem Products Inc., and E. I. Du Pont De Nemours and Company. Composite thermal insulation and protective coating
126198. Norprint Limited Improvements in or relating to label application devices. (14th April 1969).
126199. Farbenfabriken Bayer Aktiengesellschaft. 2-alkyl-4, 6-dinitrophenol derivatives processes for their manufacture as well as their use as insecticidal and acaricidal active substances
126200. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brünning. Process for the manufacture of methyl or ethyl chloride from methyl or ethyl acetate.
126201. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brünning. Process for the condensation in the solid state of condensation polymers or the initial products thereof
126202. Mississippi Chemical Corporation. Stabilized $\text{NH}_4\text{NO}_3\text{-CaCO}_3$ fertilizer compositions.
126203. A. Taher. A diesel lubricator for use in the bush and pillar assembly of a diesel
126204. International Nickel Limited. Plates for accumulators. (22nd April 1969).
126205. Industriele Onderneming Wavin N. V. Improvements for connections for insulated pipes. (3rd April 1970).
126206. Sandoz Ltd. Azo dyes, their metal complexes, their production and use.
126207. Williams (Hounslow) Limited. Improvements in or relating to hydrocarbon soluble dyestuffs. (22nd April 1969).
126208. Amsted Industries Incorporated. Chamfering device.
126209. N. V. Philips Gloeilampenfabrieken. Camera tube.
126210. N. V. Philips Gloeilampenfabrieken. Integrated semiconductor device.
126211. G. S. Soni. An energy-converter and a more efficient, jet-propulsion-engine for aircraft.
16th April 1970
126212. R. A. Parikh. Improvement in device to indicate quantity of gas contained in a cooking gas cylinder.
126213. Abbott Laboratories. Flow control device for flexible tubes.
126214. Imperial Chemical Industries of Australia and New Zealand Limited. Polythene compositions.
126215. Breveteam SA. Process for producing a net structure from a sheet material.
126216. Joseph Lucas (Industries) Limited. Control circuit for a starter solenoid on a vehicle. (27th May 1969).
126217. Tea Research Association. Treatment of tea leaf to increase its nutritive value.
126218. Robert Bosch GMBH. Improvements in and relating to governors. (27th October 1969).
126219. M. Z. Makwana. Improvement and modification in relation to an electric clock and time-piece.
126220. R. R. Pardasani. Improvement in or relating to locks.
126221. Cummins Engine Company, Inc. Internal combustion engine. [Divisional date 19th November 1968].
126222. Johnsen & Jorgensen (Plastics) Limited. Improvements in and relating to tamper proof closures.
126223. Sankyo Company Limited. Indole derivatives and process for preparing the same.
126224. Camphor & Allied Products Limited. Process for the manufacture of perfumery terpene derivatives, the derivatives so obtained and perfumery compositions containing same.
126225. Sandoz Ltd. Improvements in or relating to organic compounds. (18th April 1969).
126226. Sandoz Ltd. Improvements in or relating to organic compounds. (18th April 1969).
126227. Sandoz Ltd. Polyazo dyes, their production and use.
126228. Hercules Incorporated. Process for making bulked yarns by the fibrillation of thermoplastic films.
126229. Verson Allsteel Press Company. Prestressed press.
126230. Verson Allsteel Press Company. Hydraulic cylinder apparatus.
126231. Ciba Limited. Process for the manufacture of dicarbonyl compounds or their derivatives.
126232. V. S. Deokar. Improved conveyor belt system for a processing industry.
17th April 1970
126233. V. D. Hukerikar. Rotary piston type internal combustion engine.
126234. Unilever Limited. Treatment of paperboard. (18th April 1969).
126235. The Dunlop Company Limited. Improvements in belting.
126236. Thimognier & Cie. Mouthpiece for bags, packets, tubes or other receptacles of plastics material.

126237. Swift & Company. Improvements in or relating to animal foodstuffs.
126238. Swift & Company. Vegetable protein recovery.
126239. Farbenfabriken Bayer Aktiengesellschaft. 2-alkyl-4, 6-dinitrophenol derivatives.
126240. Joseph Lucas (Industries) Limited. Electrical switches for use in starter motors for I.C. engines. (27th May 1969).
126241. Sumitomo Chemical Company, Ltd. Method for producing concentrated nitric acid.
126242. Deutsche Gold-Und Silber-Scheideanstalt Vormals Roessler. Aminopyridine with condensated ring system.
126243. Ciba Limited. Aroylated cobalt-phthalocyanines and process for their manufacture.
126244. Ciba Limited. New vat dyestuffs their manufacture and use.
126245. Laporte Industries Limited. Method for measuring and/or monitoring the size of particles in suspension.
126246. Robert Bosch GMBH. Improvements in fuel injection pumps.
126247. Ciba Limited. New carboxylic acids and process for their manufacture.
126248. Merck & Co., Inc. 3-indolyl acetic acids, process for their preparation and pharmaceutical compositions containing the same. [Divisional date 15th December 1965].
126249. Otto India Private Limited. Refractory composition for use in furnaces.
126250. Ciba Limited. New vat dyestuffs their manufacture and use.

Alteration of Date

122077. Ante-dated to 5th April 1968 under Section 5 of the Act.
123837. Ante-dated to 27th August 1968 under Section 5 of the Act.
124744. Ante-dated to 11th July 1968 under Section 5 of the Act.
124751. Ante-dated to 31st July 1968 under Section 5 of the Act.
124794. Ante-dated to 19th July 1968 under Section 5 of the Act.
125188. Ante-dated to 11th July 1968 under Section 5 of the Act.
125399. Ante-dated to 11th July 1968 under Section 5 of the Act.
117478. The claim to priority date 11th September 1967 has been abandoned and the application dated as of 28th August 1968, the date of filing in India.
117729. The claim to priority date 21st September 1967 has been abandoned and the application dated as of 17th September 1968, the date of filing in India.
118174. The claim to priority date 30th October 1967 has been disallowed and the application dated as of 18th October 1968, the date of filing in India.

Applications Accepted

Notice is hereby given that all persons interested in opposing that grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

116683. Dynamit Nobel Aktiengesellschaft. Improvements in or relating to the uniting of metal components using explosives. Accepted on 6th April 1970.
The interstice between the metal components at the time of firing the explosive charge is filled with a gas or gaseous mixture having a sound propagation velocity higher than that of air.
116716. Pilkington Brothers Limited. A method of and apparatus for tempering glass sheets differentially. (10th July 1967). Accepted on 9th April 1970.
In which quenching air from a first source is directed onto the opposite faces of a heated glass sheet in a predetermined region, and in which quenching air from a second source is directed towards the opposite faces of the remaining region of the sheet from apertured blowing faces of a pair of main quenching boxes disposed on opposite sides of the sheet.
116754. Farbenfabriken Bayer Aktiengesellschaft. Rubber articles containing anti-ozonant compounds and process for improving the anti-ozonant properties of said rubber articles. Accepted on 10th April 1970.
A process of unimproving the anti-ozonant properties of rubber articles comprising incorporating therein as anti-ozonant compounds enol ethers such as [cyclo hexen-(3)-ylidene-methyl]-m butyl ether.
116759. Leeson Corporation. Method and apparatus for spinning, twisting or plying yarn. Accepted on 13th April 1970.
Includes an arcuate restricting member extending the full length of a zone longitudinally of the take up means to restrict the path of the yarn guided by the traveller.
116771. Tsentralny Nauchno-Issledovatel'sky I Broektno-Konstruktorsky Kotloturbinniy Institut Imeni I. I. Polzunova. Feeder for moist loose materials. Accepted on 9th April 1970.
Comprises a receiving pipe with a scraper hatcher located under said pipe, a batcher belt consisting of a multi-strand chain with equispaced scrapers fastened to it.
116797. Bakelite Xylonite Limited. Fire retardant compositions suitable for use in the manufacture of resin varnish compositions and laminated plastics materials. (20th July 1967). Accepted on 16th April 1970.
A fire-retardant composition comprising (a) a halogen substituted aromatic hydroxy compound and (b) a phosphorous and/or an antimony containing compound.
116808. Cardwell Westinghouse Company. Hand brake for railroad cars. Accepted on 16th April 1970.
Comprising an operating shaft journaled in a housing, pinion and ratchet means mounted on the shaft a nut mounted on a threaded means of the pinion, a paw clutch, brake holding means, hand lever release means, a winding drum coupled to the pinion, means for operating the shaft to wind the brake drum, and means for limiting rotational movement of the nut.
116826. Braithwaite & Co., Engineers Limited. Tanks for containing fluent materials. Accepted on 9th April 1970.
Characterised in that the tie means is so arranged that the number of turns per unit height of the tank progressively decreases with increasing height above the base of the tank.
116871. Siemens Aktiengesellschaft. Apparatus for insulating thin electric conductors. [Addition to No. 95321]. Accepted on 9th April 1970.

- Improvement in invention disclosed in Indian patent specification No. 95321, wherein the applicator roller is arranged outside the actual storage vessel for the thixotropic dispersion.*
116878. Borg-Warner Corporation. 'Method of decreasing the flammability of polymeric materials and flame-retardant polymers. Accepted on 8th April 1970.
- Adding thereto fire retardant 6-(1', 4', 5', 6', 7', 7'-hexachloro-5'-nor-bornen-2-yl)-1, 2, 3, 4, 9, 9-hexachloro-1, 4, 4a, 5, 6, 7, 8, 8a-octa-hydro-1, 4-methanonaphthalene.*
116901. T. Akamatsu and Mitsui Real Estate Co., Ltd. A concrete component or block for a protective covering structure. Accepted on 14th April 1970.
- Comprising a molded concrete mass having three integrally connected elongated pillar members disposed such that each pillar member extends transversely of the others.*
117168. Albiswerk Zurich A.-G. Improvements in or relating to cathode ray tube circuit arrangements. (15th May 1968). Accepted on 14th April 1970.
- Comprising a diode to first transistor, reference potential further diode, complementary diode.*
117379. S. V. Gokhale and S. N. Bapat. An apparatus to switch off three phase electric motor under single phasing conditions. Accepted on 9th April 1970.
- Supply system is represented by an equilateral triangle, wherein the terminal of auto-transformer corresponding to the middle point of the box of the said triangle is connected to the terminal of the second auto-transformer corresponding to the base of the median, and the magnet coil of electro-magnet relay is connected across the terminal corresponding to the centre of gravity of the second auto-transformer and the chasis.*
117478. Joseph Lucas (Industries) Limited. Battery charging systems. Accepted on 16th April 1970.
- Comprising a permanent magnet alternator, rectifying and regulating circuit, voltage regulator, a control circuit.*
117657. Bengal Coal Company Limited. Fluid coupling for power transmission. Accepted on 10th April 1970.
- In which the output shaft is rigidly secured to or integral with a sun wheel located within a housing adapted to contain fluid, a set of planetary wheels arranged around the sun wheel and in mesh therewith, said planetary wheels are secured to bucket wheels.*
117729. Pilkington Brothers Limited. Improvements in and relating to apparatus or controlling the supply of liquid fuel to burners. Accepted on 10th April 1970.
- A fuel supply line containing a shut-off valve, a sealed chamber communicating with the supply line between the shut-off valve and the burner control means operatively connected with the shut-off valve.*
117843. D. P. Mistry. Improvements in or relating to cameras and an article comprising a photograph taken therewith. Accepted on 26th March 1970.
- Comprising a screen having a flat base and plurality of very fine lens elements of tubular section.*
117860. Formica Corporation. A thermoset resin containing laminate. Accepted on 3rd April 1970.
- Comprising applying to at least one of the broad surfaces of the laminate a substantially uniformly thick layer of a non-extensible material and post forming the laminate with said material.*
117918. S. S. Shah. Improvements in or relating to fasteners for bolts and the like. Accepted on 4th April 1970.
- Comprising tapered nut member barrel, ribs, collar, hammered in a blind hole nut member slide within barrel member expanded.*
117978. Vsesojuzny nauchno-issledovatel'skiy institut mekhanizatsii selskogo khozyaistva. A self-propelled carrier for mounting agricultural machine thereon. Accepted on 8th April 1970.
- Wherein the vertical rotation shaft of said mechanism is located in the front part of the carrier frame, within the limits of the track of the front wheels mainly in the middle of said front part.*
117992. P. E. J. Bogaert. Compound joint. Accepted on 8th April 1970.
- Comprised of at least two cellular elastic material one with an impervious and other with a pervious texture so as to provide in the crushed condition of the joint at least one set of easy passages for water.*
118004. United States Steel Corporation. Chromium electroplating process and product thereof. Accepted on 9th April 1970.
- Comprising providing a first stock-treating zone comprising an aqueous chromium and catalyst containing electrolyte to deposit metallic chromium and a hydrated, trivalent chromium containing oxide upon the stock as a cathode, continuously passing the article from the first zone into through a second treating zone containing said electrolyte and reducing the electric current applied to the article, as cathode, in the second zone, to provide a colorless oxide film overlying the metallic chromium layer.*
118019. Norton Company. Grinding wheel. Accepted on 10th April 1970.
- Consisting of a porous structure of ceramic bond, abrasive grains and finely divided metal forming electrically conductive paths through the structure.*
118027. North American Rockwell Corporation. Bearing structure. Accepted on 4th April 1970.
- The improvement wherein said means on the shaft providing a complementary annular bearing surface journalled in the bore of annular member is a sleeve fixed to the shaft.*
118037. S. S. Shah. Improvements in or relating to a device for automatically dialling a telephone number. Accepted on 9th April 1970.
- Comprising a series of programmed disc cams mounted on a comb rotating with a central shaft driven by motor, a ratchet carrying a slidably mounted carrier fitted with a selector relay assembly.*
118044. W. Degen. Filtering pipe for well. Accepted on 13th April 1970.
- Characterized in that said supporting elements have for example a rectangular, square or T-shaped cross section and extend parallel to and embedded within said wall.*
118060. Ciba Limited. New condensates and process for their manufacture and process for dressing textile materials with the same. Accepted on 10th April 1970.
- Reacting in 1 : 2 to 1 : 05 molar ratio of heterocyclic compound with 2 nitrogen atoms and two halogens linked to carbon atoms tri hetero ring with (1) thiourea compound with one hydrogen atom linked to nitrogen and (2) mono or dialkylanolamine.*
118073. Dipl. Ing. Rudolf Eickemeyer. Process and apparatus for the chemical conversion of cellulose-containing materials. Accepted on 14th April 1970.
- Characterised in introducing the liquid containing reagent below its boiling point through the upper part of filter arranged in the cone of the percolator, at a slightly above atmospheric pressure in volume sufficient to submerge the cellulosic material while steam at high pressure as introduced from below to expell in an other*

noncondensable gas and also to drive out excess of the reaction liquid, whereafter heating steam is introduced to raise the mass to reaction temperature.

118117. Maschinenfabrik Rieter A. G. Drafting mechanisms for textile spinning machines. (1st July 1968). Accepted on 16th April 1970.

The plane of the second guide way is directed upwardly towards the plane of the first guide way, the second guide way extending in front of the first guide way.

118138. Becker Drilling (Alberta) Ltd. Improvements in a percussion drilling apparatus. (21st November 1967). Accepted on 16th April 1970.

Comprising a sleeve form bit connector, a chamber, drill pipe an annular toothed bit.

118174. Joseph Lucas (Industries) Limited. Electrical systems for road vehicles. Accepted on 8th April 1970.

Including a synchronous motor including a stator having a winding which is connected to one phase winding of the alternator and a rotor surrounding the stator and carrying permanent magnets, the rotor being coupled to a meter.

118182. Joseph Lucas (Industries) Limited. Full wave rectifier assemblies. (3rd November 1967). Accepted on 13th April 1970.

Comprising support member, a pair of terminal plates mounted on said member, each terminal plates carrying a member of diodes.

118183. The Borden Chemical Company (UK) Limited and Feslents Ltd. Improvements in or relating to the production of foundry moulding mixtures. (14th November 1967). Accepted on 13th April 1970.

Comprising mixing a granular refractory material with a solution or suspension of a novolak resin and a liquid resole resin as curing agent therefor, adding a minor proportion of a waxy material, evaporating volatile from the mixture.

118185. Mrs. Khairunnisa Sajjad Bandoowala. Improvements in or relating to cigarette or gas lighters. Accepted on 13th April 1970.

Characterized in that the wick tube is adapted to get slidably fitted within V-shaped recess formed between the cotton pads in the container and secured thereto by turning the screw threaded knob.

118255. Montecatini Edison S.p.A. Method for stabilizing betafluorooctyl diphenylacetate. Accepted on 16th April 1970.

Characterised in admixing with a compound selected from primary secondary or tertiary aliphatic amine dialkyl-aryl amine, tertiary heterocyclic base epoxy resin, anthracene oil urea and thiourea.

118341. Schlumberger Overseas. Apparatus for use in boreholes. Accepted on 8th April 1970.

Having a pad member urged away from the body by a blade spring with one extremity connected to the body and the other extremity engaging main arm member pivotally connected to the body, the main arm member being coupled to a control rod located in the body and movable thereon for closing the pad member towards the body.

118444. Carding Specialists Canada Limited. Apparatus for detaching batches or layers of cotton from a bale or the like. Accepted on 8th April 1970.

Comprises means having a plurality of tines, means for causing said tines to penetrate into said bale and means for moving said tines away from said bale wherein said tines are hollow and means are provided for passing air under pressure through said tines.

118469. Villamos Berendezes Es Keszulek Muvek. Switch of high current-intensity with fixed and moving contacts. Accepted on 10th April 1970.

Either the moving or the fixed contact or both have a unilateral slope.

118489. D. G. Fiol. Three wheeler motor cycle. Accepted on 16th April 1970.

Driving system comprising a shaft driven by chain and sprocket wheels from the motor cycle engine, and at each of the two ends of the said shaft are mounted additional sprocket wheels with ratchet wheels having free wheeling system on the said shaft are preferably mounted at least two driven sprocket wheels.

118497. Libbey-Owens-Ford Company. Method and apparatus for tempering flat sheets or plates of glass. Accepted on 16th April 1970.

Comprising upper and lower plenum chambers, each having an inwardly facing wall, a plurality of tubular members carried by each wall, a plurality of conveyor rolls.

118500. International Standard Electric Corporation. Telephone subscriber's metering system. Accepted on 9th April 1970.

Including a charging memory with separate charging cells, a coupler, a tester and a program control apparatus which scans the charging cells.

118539. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble disazo dye-stuff and process for its preparation and textile material dyed or printed therewith. Accepted on 16th April 1970.

Aniline-3-sulphonic acid is diazotized by known method, coupled with α -naphthyl amine by known method, and the aminoazo dyestuffs so obtained is diazotised and coupled by known method with N-ethyl-N-cyanethyl-m-toluidine.

118712. N. V. Philips Gloeilampenfabrieken, Semiconductor device. Accepted on 13th April 1970.

Closed flexible ring of electrically conductive material is surrounding and making contact with all electric conductors but does not substantially bind them.

118731. Joseph Lucas (Industries) Limited. Key operated ignition switches for road vehicles. (29th November 1967). Accepted on 13th April 1970.

Key operated mechanism is adapted to permit removal of operating key in the on position of switch and includes means for controlling rotor until key is removed from said key operated mechanism.

118958. N. V. Philips Gloeilampenfabrieken. Method of manufacturing CdS-photo resistors. Accepted on 13th April 1970.

CdS-bodies are heated in contact with a mixture of CdS, CdSe and CdO in an atmosphere containing at least temporarily free oxygen or an oxygen-supplying compound for activation and possibly recrystallisation.

119123. Hindustan Lever Limited. Fermentative preservation of foodstuffs. (29th December 1967). Accepted on 16th April 1970.

Comprises, (a) depositing in the in-surface of the container an inoculum of a culture of lactic acid bacteria, (b) subjecting food product having an aqueous phase to heat (60°—100°C), (c) introducing the food at the above temperature, (d) sealing the container, (e) cooling to make the inoculum viable and (f) incubating to allow fermentation of the content.

119167. Translektro Magyar Villamossagi Kulkereskedelmi Vallalat. Device for continuous hydropneumatic conveyance of powder-like material. Accepted on 6th April 1970.

Comprising in combination with a pipe line an upwardly extending pressurized-liquid pipe conducting a stream of pressurized liquid, a pressurizable fluidizing container adapted to receive successive quantities of powdered material first duct means communicating between the container and the pipe and having an outlet end opening upwardly into the pipe.

119168. Sandoz Ltd. Azo compounds, process for their production and materials dyed or printed therewith. Accepted on 14th April 1970.
Diazotizing 1-aminobenzene-4-methyl sulphone and coupling the diazonium compound with 1-dimethyl amino 3-cyano-4-methyl-6-hydroxy pyridone-2.
119177. Albiswerk Zurich A-G. Improvements in or relating to directional antenna systems. (16th October 1968). Accepted on 10th April 1970.
Comprising a primary radiator and a reflector, the primary radiator being coupled to a yoke and eccentric drive mechanism, a member bearing an eccentric and a locator cone is axially slideably mounted upon the spindle of the yoke and eccentric drive mechanism.
119231. Siemens Aktiengesellschaft. Improvements in or relating to electromagnetic wave filter units. (11th October 1968). Accepted on 13th April 1970.
Comprising at least one resonant line section provided by a conductor strip on one surface of a first carrier insulating material having a conductive coating.
119478. Norton Company. Method and apparatus for extruding plastic materials. Accepted on 6th April 1970.
Extruding plastic material through multiple orifices and the strands are converged and compacted into a single divisible strand.
119582. R. G. DePenning. Electrostatographic imaging apparatus. Accepted on 13th April 1970.
Having means for forming electrostatic latent image, means for applying toner particles thereto means for transferring toner image to a receiving surface, at least one cleaning blade assembly formed by a cleaning blade and its aligning means, and means to supply a dry solid lubricant to imaging surface.
119645. Texas Eastern Transmission Corporation. A liquid natural gas vaporizer system. Accepted on 13th April 1970.
Comprising a turbine, absorbing means for absorbing the power generated by the turbine and a liquefied material gas vaporizer connected to the boil gas outlet of the turbine and utilizing the hot tail gas to vaporize liquefied natural gas.
119682. Dresser Industries, Inc. Improvements in or relating to safety valve. Accepted on 10th April 1970.
Including a valve disc, a valve seat and a spring, a back pressure chamber, a communicating passage, a vent orifice and a member co-operating with venting orifice for increasing the effective area upon movement of the valve disc.
119685. Mitsubishi Jukogyo Kabushiki Kaisha. Method of manufacturing a spiral multilayer pipe. Accepted on 14th April 1970.
Consists of a hoop spirally wound around and fastened onto the outer surface of an inner cylinder a wedge filler and a hoop jointed together into one piece.
119720. H. G. Carlsen and E. Carlsen. A thermo printing device. Accepted on 14th April 1970.
Comprising a system of printing elements in the form of electric resistors, means for maintaining a thermosensitive record carrier, and means for receiving signals.
119721. H. G. Carlsen and E. Carlsen. A thermoprinting device. Accepted on 14th April 1970.
Comprising a system of printing elements, means for maintaining a thermosensitive record carrier (22) and means for receiving signals.
119727. Malleable Tube Products of India. An improved low level cistern. Accepted on 10th April 1970.
Comprising a cistern body having a water inlet and water outlet and an autogenous valve and flush system.
119855. Pushpak Ex-Imp (India). Improvements in or relating to kites used as toys. Accepted on 13th April 1970.
Comprising a sheet made of plastic, to which being attached at least one straight member and at least one curved member.
119930. Tractel Tirfor India Private Limited. Improvements in or relating to gripping devices. Accepted on 17th April 1970.
Comprises two parallel jaws and multiplying levers mounted on an external casing, two cylindrical spindles which fit into each jaw.
119975. T. C. Aujit. Folding bi-cycle frame. Accepted on 8th April 1970.
Consisting of a front part formed of three tubes one positioned vertically and a rear part including a bent tube and a horizontal part, the bent tube being slidable through the vertical tube into a opening in the horizontal part, so as to be folded about the vertical tube.
120022. N. V. Philips Gloeilampenfabrieken. Magnetic system comprising an annular, permanent main magnet having an upper plate and a lower plate of soft iron and a core with an auxiliary magnet. Accepted on 10th April 1970.
Comprising an annular permanent main magnet engaging on either side a soft iron plate, a soft iron core and an auxiliary magnet.
120072. Instytut Gospodarki Komunalnej. Sedimentation tank for the purification of water and sewage. Accepted on 10th April 1970.
Comprising a tank divided in its lower part into two vertical compartments having longitudinal slot on the partitions of said compartments, said slots communicating with the sediment concentrator which being provided with a drain at the bottom and an outlet at the top.
120327. Press-und Stanzwerke Paul Craemer Kommanditgesellschaft. A flat pallet of synthetic plastics material and two-part compression moulds for the manufacture thereof (12th December 1968). Accepted on 10th April 1970.
Including a level upper surface, a lower surface and spacers between the upper and lower surfaces wherein the said surfaces having parallel ribs projecting downwards with apertures between them.
120401. Societe Fives Lille-Cail. An installation for continuous crystallisation by evaporation of a sub-saturated solution. Accepted on 9th April 1970.
Comprising a plurality of cells, provided with a heating bundle which are successively traversed by the product being crystallised.
120458. Imperial Chemical Industries Limited. Electrodes for electro-chemical processes. (2nd April 1968). Accepted on 8th April 1970.
Forming on the surface of a support formed from titanium or an alloy based on titanium a layer of an operative electrode material, applying over the said layer a coating comprising an alkyl titanate, an alkyl polytitanate or an alkyl halotitanate and heating the coating.
120579. Corning Glass Works. Method and apparatus for melting and refining thermoplastic material particularly glass. Accepted on 10th April 1970.
Heat energy being applied to at least two different levels of the furnace being characterized by applying heat energy to at least one melting zone in an upper portion of the furnace and refining the material in a lower portion of the furnace.

120830. Diana Rolling Shutters (Madras). Improvements in or relating to link plates rolling shutters or grills comprised thereof. Accepted on 18th April 1970.

Comprising housing means for accommodating inter-connecting links and a webs integral with the housing means.

120952. Buckman Laboratories, Inc. Process of preparing organic esters and stabilized composition containing the same. Accepted on 9th April 1970.

*Reacting benzoyl chloride with an alkali metal salt of an 1-(*o*-hydroxy phenyl)-3 phenyl-1, 3 propane dione in a dimethyl formamide solution.*

- 121001 Shell Internationale Research Maatschappij N. V. Preparation of a liquid fuel for a pressure-type atomizer. (22nd April 1968). Accepted on 8th April 1970.

A non-hydrocarbon gas being dissolved in the hydrocarbon feed in an amount of at most 95% of the maximum amount that can dissolve at the temperature and the pressure prevailing in the line for the feed

121061. G. Rai. A pipe strainer. Accepted on 16th April 1970.

An elbow fitted within the inlet of the strainer assembly said elbow extending to two tubular arms to form a substantially Y-shaped fitting, a filter unit fitted at the end of at least one such arm through a flange.

121162. Oldham & Son, Limited. Improvements in or relating to secondary batteries. (7th February 1969). Accepted on 16th April 1970.

Comprising positive and negative plates, electrolyte, a closed gas space with known pressure-retaining capacity, means for recombination of gases and means operable to release pressure from gas space at pressures exceeding known pressure-retaining capacity, all in a sealed cell.

121227. A. B. M. Industrial Products Limited, and Karl Kristian Kobs Kroyer. Improvements in or relating to methods of producing work and processes for brewing beer from such work. (15th May 1968). Accepted on 16th April 1970.

Comprises steps of subjecting the slurry to the action of a starch liquefying enzyme a saccharifying enzyme proteolytic enzyme.

121249. Aktiebolaget Svenska Kullagerfabriken. A ball nut mechanism. Accepted on 16th April 1970.

At least one elongated solid catching member mounted in the nut and having one part adapted to fit into a portion of the ball race said part having essentially the same cross section and diameter as the balls and being bent to suit the contour of the ball race.

121792. N. V. Philips Gloeilampenfabrieken. Semi-conductor device. Accepted on 9th April 1970.

Comprising a plate-shaped semi-conductor body which is bounded by two substantially parallel main surfaces which are provided with connection contacts.

122077. Farbenfabriken Bayer Aktiengesellschaft. Fungicidal compositions containing certain new chloroalkyl-thiolphosphoric acid esters or ester amides. [Divisional date 5th April 1968]. Accepted on 10th April 1970.

In admixture with a solid or liquid diluent or carrier of the group as defined in the specification, but excluding water alone or common organic solvent alone.

122117. Wanson (India) Private Limited. A movable trailer-mounted, compact assembly for providing a continuous supply of hot water from a locational source of cold water. Accepted on 16th April 1970

Has in combination a boiler unit for heating water, said unit comprising a boiler a burner a blower and an oil or fuel pump to control the flow of oil to the burner a water-pump for continuously supplying and feeding water to the assembly.

122166. P. C. Chandak and M. L. Toshniwal. Improvements in syphon device. [Divisional date 14th March 1969]. Accepted on 7th April 1970.

Characterised in that hollow cap member is at one end closed while the other end is open and threaded, bulb or bellows having matching threaded neck for fixing with the other end of the hollow cap member.

122231. Hooker Chemical Corporation. Composition for corrosion protection. Accepted on 16th April 1970.

Comprises a binder and a filler, the filler being present in an amount sufficient to impart corrosion resistant characteristic to the composition and is constituted by a mixture of conductive metal particles more anodic than the metal of the metallic substrate and a comminuted refractory ferro-alloy.

122334. Sandvikens Jernverks Aktiebolag. Improvements in milling cutters. Accepted on 13th April 1970.

Comprises a cutter body, at least one recess within the cutter body, the recess having a support surface, location members fixed within the recess for supporting a cutting insert, a cutting insert having two opposite plane end faces with side edges between them.

122439. V. C. Sharma. Chucks. Accepted on 16th April 1970.

Comprising a hub, ring co-operating with the hub, a plurality of jaws pivotally mounted through jaw pins on the ring, the jaws having a gripping end provided with a gripping surface and a tail end having a slot which co-operates with guide pins mounted on the hub.

122493. Vsesojuzny Nauchno-Issledovatel'sky I Proektny Institut Po Ochshtke Tekhnologicheskikh Gazov, Stokhnykh Vod I Ispolzovaniyu Vtorichnykh Energoresursov Predpriyatiya Chernoi Metallurgii. Device for evaporative cooling of metallurgical furnaces. Accepted on 16th April 1970.

Comprising banks of vertically arranged members to be cooled that accommodate pipes for passing the coolant and are mutually interconnected along a vertical line by means of external connection pipes constituting together with headers adapted to supply and discharge cooled, vertically circulation circuits.

122604. Institut Elektrosvarki Imeni E. O. Patona An UkSSR. Electrode for welding low-carbon steels. Accepted on 16th April 1970.

Welding electrode coating contains Ilmenite-35—45%, feldspar-5—10%, muscovite mica, 6—12%, green magnesite, 8—12%, cellulose-1—3%, iron powder-10—15%, ferromanganese-12—16%, and soluble glass-22—25%.

122742. Inventa A. G. für Forschung und Patentverwertung. Process for the continuous preparation of polyesters. Accepted on 16th April 1970.

Characterises in carrying out the starting product containing considerable amount of presterified product through a hot reaction tube at 150—250°C, the reaction product being then injected to a polycondensate having a degree of polycondensation 2—6, and as soon as the total circulating product has reacted the said degree of polycondensation a part is removed and polycondensed.

122925. S. Blass and I. Blass. Drip level irrigation. (3rd January 1969). Accepted on 16th April 1970.

An irrigation flow conduit having a plurality of elongated outlet ducts each being of a diameter substantially less than that of the conduit and of a length which is several hundred times greater than its diameter.

123157. Knapsack Aktiengesellschaft. Process for the manufacture of unsaturated esters of carboxylic acids. Accepted on 8th April 1970.

Reacting an olefinic compound and an aliphatic or aromatic carboxylic acid with molecular oxygen in contact with a carrier catalyst consisting of palladium compounds and a carrier wherein the carrier particles have a diameter between 0.1 and 1.5 μ m.

123235. Industriele Onderneming Wavin N. V. Improvements in a method and device for manufacturing a transversely or helically grooved plastic tube with a smooth inner wall. Accepted on 16th April 1970.

A hollow section constituting a transversely or helically profiled piece is provided on the outer side of a plastic tube with a smooth inner wall, the profile being at least locally connected with the plastic inner tube.

123837. Council of Scientific and Industrial Research. Synthesis of alkyl silicate polymers from isolentyl ethyl silicate mixtures. [Divisional date 27th August 1968]. Accepted on 17th April 1970.

Comprises refluxing a crude or distilled mixture of monoisobutyl triethyl silicate, diisobutyl diethyl silicate, triisobutyl monoethyl silicate or distilled fractions thereof with p-toluene sulphonic acid or by refluxing with ethyl alcohol using mineral acid as catalyst.

124744. Leesona Corporation. Apparatus for spinning twisting or plying yarn. [Divisional date 11th July 1968]. Accepted on 13th April 1970.

Includes a restricting member for restricting the path of yarn advancing to the take-up means and control means on the tender for operating the restricting member to afford access for yarn manipulating means to the take-up means.

124751. National Research Development Corporation. Improvements relating to welding apparatus. (8th March 1968). [Divisional date 31st July 1968]. Accepted on 13th April 1970.

Comprising a welding torch, drive means, power supply, actuators, selector board output, input buses, selector switch.

124794. Borg-Warner Corporation. Halogenated norbornene-methanonaphthalene derivatives and method of preparing the same. [Divisional date 19th July 1968]. Accepted on 8th April 1970.

Reacting 2 mole of hexachlorocyclopentadiene with 1 mole of 4 vinyl-1-cyclohexane at 100–150°C.

125188. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of enolethers and thioenolethers. [Divisional date 11th July 1968]. Accepted on 10th April 1970.

Reacting at least one molecule of an aldehyde such as Δ^3 -tetrahydrobenzaldehyde with at least one molecule of a hydroxy compound such as cyclohexen-(3) ylidine methyl-n butyl ether.

125399. Leesona Corporation. Yarn control member for use with a machine for spinning, twisting or plying yarn. [Divisional date 11th July 1968]. Accepted on 13th April 1970.

Comprises an elongated tube having an inner wall positioned proximate to the ring and a longitudinal slot formed in the tube for passage of the mounting means.

Patents Sealed

108702. 110756. 112716. 112921. 112967. 113010. 113054.
113108. 113127. 113188. 113209. 113237. 113296. 113349.
113398. 113415. 113418. 113523. 113610. 113745. 113779.
113881. 113981. 113998. 113999. 114004. 114195. 114223.
114312. 114320. 114321. 114378. 114387. 114405. 114419.
114426. 114665. 114687. 114713. 114721. 114803. 114817.
114828. 114848. 114853. 114868. 114955. 115110. 115144.
115187. 115252. 115255. 115313. 115339. 115571. 115696.
115697. 116360. 116405. 116571. 116649. 116764. 117018.
117178. 117916. 117954. 119732. 118485.

Amendment Proceedings

The amendment proposed by Ciba Limited in respect of patent application No. 111883 as advertised in the Gazette of India, Part III, Section 2 dated the 27th December 1969 has been allowed.

Registration of Assignments, Licences, etc., (Patents)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

101805 — Sri Atul Krishnalal Bhagwati.

111577 — The President of India.

Renewal Fees Paid

54305. 57052. 57221. 57223. 57319. 57400. 60184. 60191.
60198. 60287. 60370. 60407. 60408. 60502. 60621. 60744.
63801. 63819. 63856. 63868. 63923. 63924. 63930. 63976.
64028. 64083. 64084. 64144. 64221. 64566. 67402. 67493.
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71964. 71983. 72312. 72388. 72607. 72891. 72911. 73001.
75797. 76162. 76349. 76483. 76485. 76498. 76556. 76603.
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110401. 110402. 110451. 110452. 110565. 110665. 110683.
110710. 110798. 110940. 111089. 111271. 113359.

Cessation of Patents

77440. 77442. 77444. 77449. 77457. 77458. 77459. 77460.
77461. 77462. 77463. 77464. 77465. 77467. 77469. 77470.
77472. 77473. 83112. 83113. 83116. 83118. 83124. 83125.
83128. 93645. 93646. 93647. 93648.

Restoration Proceedings

An order has been made on the 3rd April 1970, restoring the patent No. 76340 dated as of the 22nd April 1961, granted to Conjeevaram Gopalachari Varadarajan for "bracket for hanging wearing apparel and other light articles".

CANCELLATION OF THE REGISTRATION OF DESIGN BY HIGH COURT (SECTION 51A)

Registration of Design No. 103297 dated 25-5-1961 and the subsequent extension of copyright in the same have been cancelled by an order dated 25-2-1970 of the Madras High Court.

S. VEDARAMAN,

Controller General of Patents, Designs and

Trade Marks.

